

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Smith et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date:

Group Art Unit:

Title: Multiple Logical Bits Per Memory Cell in a Memory Device

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ The citations listed are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. Copies of the first seven (7) U.S. Patents listed were cited or submitted with the priority application and are therefore not submitted herewith. The following ten (10) U.S. Patents were previously cited in related application 10/120,118 and are therefore not submitted herewith. The last U.S. Patent (6,351,406; 02/2002; Johnson et al) is enclosed herewith.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV205823392US

Date of Deposit 07/01/03

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231

By

Typed Name: LeAnn M. Sassman

Respectfully submitted,

Smith et al.

By

David A. Morasch

Attorney/Agent for Applicant(s)

Reg. No. 42,905

Date: 07/01/03

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10010715-3

APPLICATION NO.

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APPLICANT

Smith et al.

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GROUP

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6,188,615	02/13/2001	Perner et al.	
	1B	6,128,239	10/03/2000	Perner	
	1C	6,185,143	02/06/2001	Perner	
	1D	6,504,750	01/2003	Baker, R.J.	
	1E	6,314,014	11/2001	Lowrey et al.	
	1F	5,982,659	11/1999	Iminki et al.	
	1G	2003/0043616	03/2003	Baker	
	1H	6,542,397	04/2003	Mills, Jr.	
	1I	6,458,676	10/2002	Mills, Jr.	
	1J	6,417,043	07/2003	Risch et al.	
	1K	6,380,597	04/2002	Gudesen et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

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	1A	6,215,140	04/2001	Reisinger et al.	
	1B	5,978,257	11/1999	Zhu et al.	
	1C	5,847,442	12/1998	Mills, Jr. et al.	
	1D	5,840,608	11/1998	Chang	
	1E	5,640,343	06/1997	Gallagher et al.	
	1F	4,162,538	07/1979	Thornburg	
	1G	6,351,406	02/2002	Johnson et al.	
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